

WHAT IS CLAIMED IS:

1. A method comprising performing a concentration determination of polyaspartic acids and/or salts thereof in aqueous systems by fluorometry.

5 2. A method according to Claim 1 wherein the concentration determination is performed on-line using a dosing apparatus or facility.

3. A method according to Claim 1 wherein polyaspartic acids and/or salts thereof in the range of 0.1 to 1000 ppm are determined fluorometrically.

10 4. A method according to Claim 1 carried out at a temperature range of 0 to 70°C.

5 6. A method according to Claim 1 carried out in a pH range of 0 to 14.

15 7. A method according to Claim 1 wherein the concentration determination of polyaspartic acids and/or salts thereof is performed for distilled water, tap water, river water, an industrial liquid stream, a natural waste water system, an industrial waste water system, a building drainage system, an oil/water mixture, and other water systems to which polyaspartic acids and/or salts thereof has been added to prevent or reverse or remove inorganic or organic scaling.

20 8. A method according to Claim 1 wherein the concentration determination of polyaspartic acids and/or salts thereof added during papermaking or petroleum drilling is performed on-line using a dosing apparatus or facility.

25 9. A method according to Claim 1 wherein the concentration determination of polyaspartic acids and/or salts thereof added to prevent deposit formation is performed while boiling down sugar juices.